

Patent Abstracts of Japan

PUBLICATION NUMBER : 10234142
PUBLICATION DATE : 02-09-98

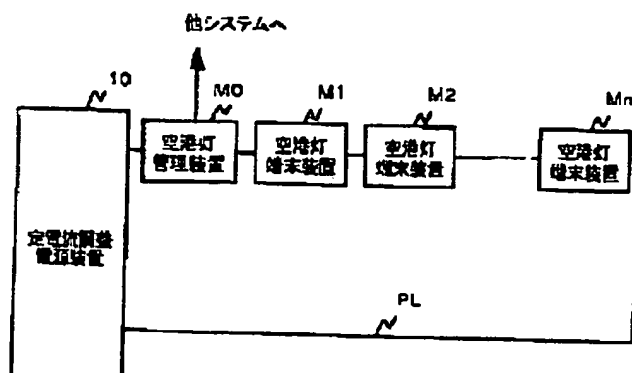
APPLICATION DATE : 20-02-97
APPLICATION NUMBER : 09036513

APPLICANT : NISSHO SEISAKUSHO:KK;

INVENTOR : TAKAHASHI HIDEO;

INT.CL. : H02J 13/00 B64F 1/18 G05B 23/02
H04B 3/46 H04B 3/54 H05B 37/02
H05B 37/03

TITLE : LIGHT-MONITORING SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To provide a light-monitoring system which can easily and exactly monitor core failures of lights or the surrounding data of the lights, such as airport lights which are scattered at numerous parts and over a wide range in an airport or the like.

SOLUTION: Airport light terminal devices M1 to Mn are fitted respectively, which detect the condition of the lights and the surrounding data of the light, so as to meet a plurality of the lights of an airport connected through a power line PL. By transmitting the light condition and the surrounding data of the lights detected by the airport light terminal devices M1 to Mn with a power line communication by means of a token passing system using the power line PL, the conditions of a plurality of lights and the surrounding data of the lights are monitored with an airport light control device MO. A high-frequency bypass transformer which compensates for the loss of power line communication is provided for the respective airport light terminal devices M1 to Mn.

COPYRIGHT: (C)1998,JPO